Action Recognition — Video Event Detection
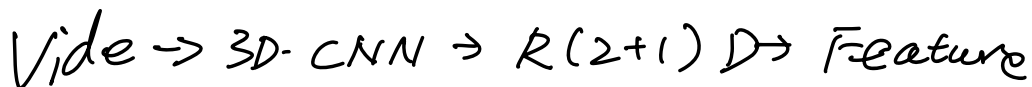
Video $\xrightarrow{\text{Sampling}}$ Frame $\xrightarrow[\text{Extraction}]{\text{Feature}}$ Embedding $\xrightarrow{\text{classifier}}$ Result

Long-term Recurrent Convolutional Network

[Image Single/Sequence] → CNN → LSTMs → Text Single/Sequence

next
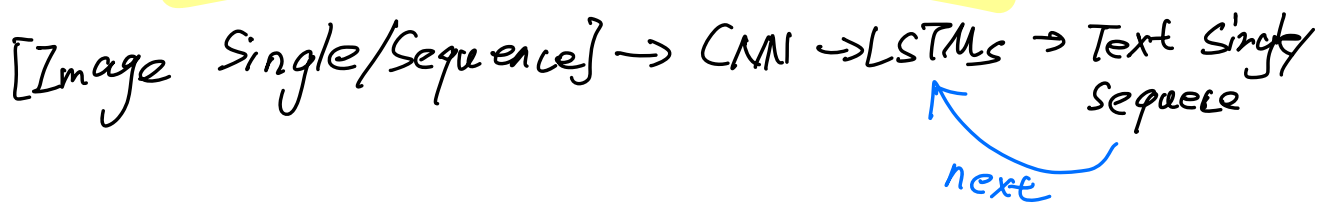
C3D: 3D Convolutional Network

Cine MRI for Microvascular Obstruction Identification

Vide → 3D-CNN → R(2+1)D → Feature

Hidden Two Stream

Video → Spatial Stream CNN → Late Fusion
      → Motion Net → Temporal Stream CNN